

Sub B5 22. (Amended) A kit for administering a synthetic plasma-like solution to a subject in need thereof, said system comprising:

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- (a) a synthetic plasma-like solution; and
- (b) a means for reducing the CO₂ level of a subject in an amount sufficient to reduce the risk of acidosis/acidemia.

A4 25. (Amended) The kit according to Claim 22, wherein said kit further comprises instructions for reducing the level of CO₂ in a subject in an amount sufficient to reduce the risk of acidosis/acidemia and administering said plasma-like solution to said subject.